

Substitute for form 1449/PTO, based on PTO/SB/08A and 08B

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Application Number	10/596,154
Filing Date	April 9, 2007
First Named Inventor	Graham et al.
Art Unit	1612
Examiner Name	Badio, Barbara P.
Attorney Docket Number	81-06

Confirmation No. 2839

GWS 3/27/2009

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Document Number (US-)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)
1	7,312,322		12/25/0007	Hill et al.	
2	7,297,781		12/22/2007	Hill et al.	
3	2007/0212716	09/13/2007		Tohidi-Esfahani et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Foreign Patent Document Number (include WIPO country code)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)	T ²

NON-PATENT LITERATURE DOCUMENTS

Examiner Initial*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	REFERENCE	T ²
	4	Checovich et al. (May 18, 1995) "Fluorescence Polarization a New Tool for Cell and Molecular Biology," <i>Nature</i> 375:254-256		
	5	Cherbas et al. (Apr. 1988) "26-[¹²⁵ I]iodoponasterone A is a Potent Ecdysone and a Sensitive Radioligand for Ecdysone Receptors," <i>Proc. Natl. Acad. Sci. USA</i> 85:2096-2100		
	6	Clement et al. (Jan. 1993) "Assessment of an Microplate-Based Bioassay for the Detection of Ecdysteroid-Like or Anti-Ecdysteroid Activities," <i>Insect Biochem. Mol. Biol.</i> 23(1):187-193		
	7	Cymborowsky, B. (1989) "Bioassays for Ecdysteroids," In: <i>Ecdysone: From Chemistry to Mode of Action</i> , Koolman, J. Ed., Thieme Medical Publishers, New York, pp. 144-149		
	8	Dhadialla et al. (Jan. 1998) "New Insecticides with Ecdysteroidal and Juvenile Hormone Activity," <i>Ann. Rev. Entomol.</i> 43:545-569		
	9	Dinan et al. (Mar. 1999) "An Extensive Ecdysteroid CoMFA," <i>J. Comp. Aided Mol. Des.</i> 13(2):185-207		
	10	Hannan et al. (Jun. 1997) "Cloning and Characterization of LcEcR: as a Functional Ecdysone Receptor from the Sheep Blowfly <i>Lucilia cuprina</i> ," <i>Insect Biochem. Mol. Biol.</i> 27(6):479-488		
	11	Hannan et al. (Jun. 22, 2001) "LcUSP, an Ultraspiracle Gene from the Sheep Blowfly, <i>Lucilia cuprina</i> : cDNA Cloning, Developmental Expression of RNA and Confirmation of Function," <i>Insect Biochem. Mol. Biol.</i> 31:771-781		

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¹Applicant's unique citation designation number (optional).

²Applicant is to place a check mark here or "x" if English language Translation is attached.

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	12	Horn et al. (1985) "Chemistry of Ecdysteroids," In; <i>Comprehensive Insect Physiology, Biochemistry and Pharmacology</i> , Vol. 7, Endocrinology 1, Kerkut et al. Eds., Pergamon Press, Oxford, pp. 185-248	
	13	Koelle et al. (Oct. 4, 1991) "The <i>Drosophila</i> EcR Gene Encodes an Ecdysone Receptor, a New Member of the Steroid Receptor Superfamily," <i>Cell</i> 67:59-77	
	18	Lafont et al. (Feb. 24, 2003) "Practical Uses for Ecdysteroids in Mammals Including Humans: An Update," <i>J. Insect Sci.</i> 3:7	
	15	Minakuchi et al. (Oct. 2003) "Binding Affinity of Nonsteroidal Ecdydone Agonists Against the Ecdysone Receptor Complex Determines the Strength of their Molting Hormonal Activity," <i>Eur. J. Biochem.</i> 270:4095-4104	
	16	Oberdorster et al. (2001) "Common Phytochemicals are Ecdysteroid Agonists and Antagonists: A Possible Evolutionary Link Between Vertebrate and Invertebrate Steroid Hormones," <i>J. Steroid Biochem. Mol. Biol.</i> 77:229-238	
	17	Odinokov et al. (Jan. 2003) "Trifluoroacetylation and Dehydration of 20-Hydroxyecdysone Acetonides. Synthesis of Stachisterone B," <i>Russ. Chem. Bull. Int. Ed.</i> 52(1):232-236	
	18	Owicky, J. (Oct. 2000) "Fluorescent Polarization and Anisotropy in High Throughput Screening: Perspectives and Primer," <i>J. Biomol. Screen</i> 5(5):297-306	
	19	Padidam et al. (Feb. 2003) "Chemical-Inducible, Ecdysone Receptor-Based Gene Expression System for Plants," <i>Transgenic Res.</i> 12(1):101-109	
	20	Parker et al. (Apr. 2000) "Development of High-Throughput Screening Assays Using Fluorescence Polarization: Nuclear Receptor-Ligand Binding and Kinase/Phosphatase Assays," <i>J. Biomol. Screen.</i> 5(2):77-88	
	24	Pis et al. (1994) "Regioselective Synthesis of 20-hydroxyecdysone Glycosides," <i>Tetrahedron</i> 50(32):9679-9690	
	22	Prystay et al. (Jun. 2001) "Determination of Equilibrium Dissociation Constants in Fluorescence Polarization," <i>J. Biomol. Screen.</i> 6(3):141-150	
	20	Sage et al. (1986) "Alternative Ligands for Measurement and Purification of Ecdysteroid Receptors in <i>Drosophila</i> Kc Cells," <i>Arch. Insect Biochem. Physiol. Supp.</i> 3(Supp 1):25-33	
	24	Sportsman et al. (2000) "Miniaturization of Homogenous Assays Using Fluorescence Polarization," <i>Drug Disc. Today HTS Supplement</i> , 1(1):27-32	
	20	Sukksamarn et al. (Sep. 18, 1995) "Selective Acetylation of 20-Hydroxyecdysone – Partial Synthesis of Some Minor Ecdysteroids and Analogs," <i>Tetrahedron</i> 51(38):10633-10650	
	26	Sukksamarn et al. (Feb. 2002) "Chemical Modifications at the 22-hydroxyl Group of Ecdysteroids: Alternative Structural Requirements for High Moulting Activity," <i>Insect. Biochem. Mol. Biol.</i> 32(2):193-197	
	27	Sundaram et al. (Sep. 1998) "Basis for Selective Action of a Synthetic Molting Hormone Agonist, RH-5992 on Lepidopteran Insects," <i>Insect. Biochem. Mol. Biol.</i>	

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	28(9):693-704		
28	Wedin, R. (1999) "One-Step Fluorescence HTS Assays are Getting Faster, Cheaper Smaller and More Sensitive," <i>Modern Drug Discovery</i> 2(3):61-71		
29	Williams, C.M. (Jul. 1967) "Third-Generation Pesticides," <i>Sci. Am.</i> 217(1):13-17		
30	Wing, K.D. (Jul. 22, 1988) "RH 5849, a Nonsteroidal Ecdysone Agonist: Effects on a <i>Drosophila</i> Cell Line," <i>Science</i> 241:467-469		
31	Wing et al. (Jul. 22, 1988) "RH5849, a Nonsteroidal Ecdysone Agonist, Effects on Larval Lepidoptera," <i>Science</i> 241:470-472		

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